

Point Defiance (continued)

USS Halsey Powell (DD-686)

On 4 August Point Defiance was anchored at Christmas Island and loaded personnel, scientific vans, boats, and equipment. It completed loading and sailed for San Diego, arriving 12 August.

USS Polk County (LST-1084)

Tank landing ship with a normal complement of 119. Member of the Scientific Element (TE 8.3.6.4). In February the ship made two trips to Johnston Island, two trips to Christmas Island, and one trip each to Fanning, Jarvis, and Palmyra islands for logistical support. The ship was not in the Christmas Island danger area during shots there. During STARFISH Prime (Johnston Island, 8 July, 2300), Polk County was steaming independently on assigned station S-3, east of Johnston Island. At 2230 designated personnel manned stations for nuclear test. Observed nuclear blast bearing 255°T, approximately 310 nmi (574 km) east of detonation.

USS Ponchatoula (AO-148)

Oiler with a complement of 277. Arrived Christmas Island on 6 April. Before the start of testing the ship left anchorage to replenish task force ships. Operational activities in each shot that it participated in are summarized below.

- ADOBE (Christmas Island, 25 April, 0646). Anchored at Christmas Island about 23 nmi (37 km) north of surface zero.
- AZTEC (Christmas Island, 27 April, 0702). Anchored at London Roads, Christmas Island about 23 nmi (37 km) north of surface zero.
- ARKANSAS (Christmas Island, 2 May, 0902). Anchored at London Roads, Christmas Island, about 28 nmi (52 km) from detonation.
- QUESTA (Christmas Island, 4 May, 1005). Steaming independently en route to rendezvous with Moore, approximately 850 nmi (1,575 km) northeast from the detonation.
- FRIGATE BIRD (Christmas Island, 5 May, 1430). Steaming independently en route to rendezvous with Yorktown, remaining clear of launch area, approximately 720 nmi (1,334 km) north-northeast from the detonation.

USS Halsey Powell (DD-686)

Destroyer with a normal complement of 319. Arrived Christmas Island 6 April. Element of the Christmas Island Operations Unit (TU 8.3.7). Operational activities for each shot that it participated in are summarized below.

- ARKANSAS (Christmas Island, 2 May, 0902). Steaming en route to Christmas Island from Pearl Harbor. The ship was approximately 780 nmi (1,445 km) north of Christmas Island.
- QUESTA (Christmas Island, 4 May, 1005). Steaming en route to Christmas Island from Pearl Harbor. The ship was approximately 105 nmi (195 km) north of Christmas Island.

2 May 1962

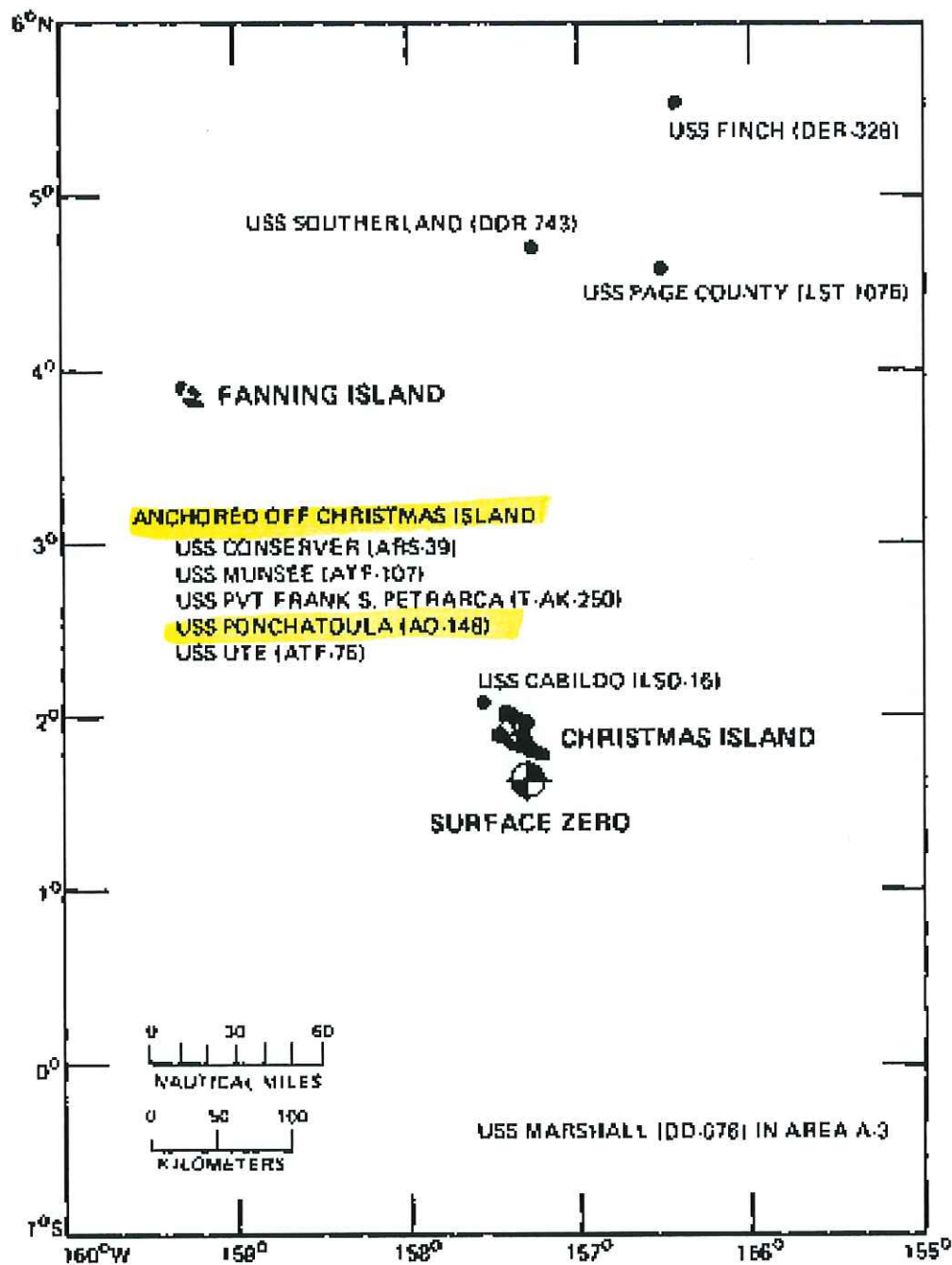


Figure 44. Ship positions, shot ADOBE, DOMINIC.

27 April 1962

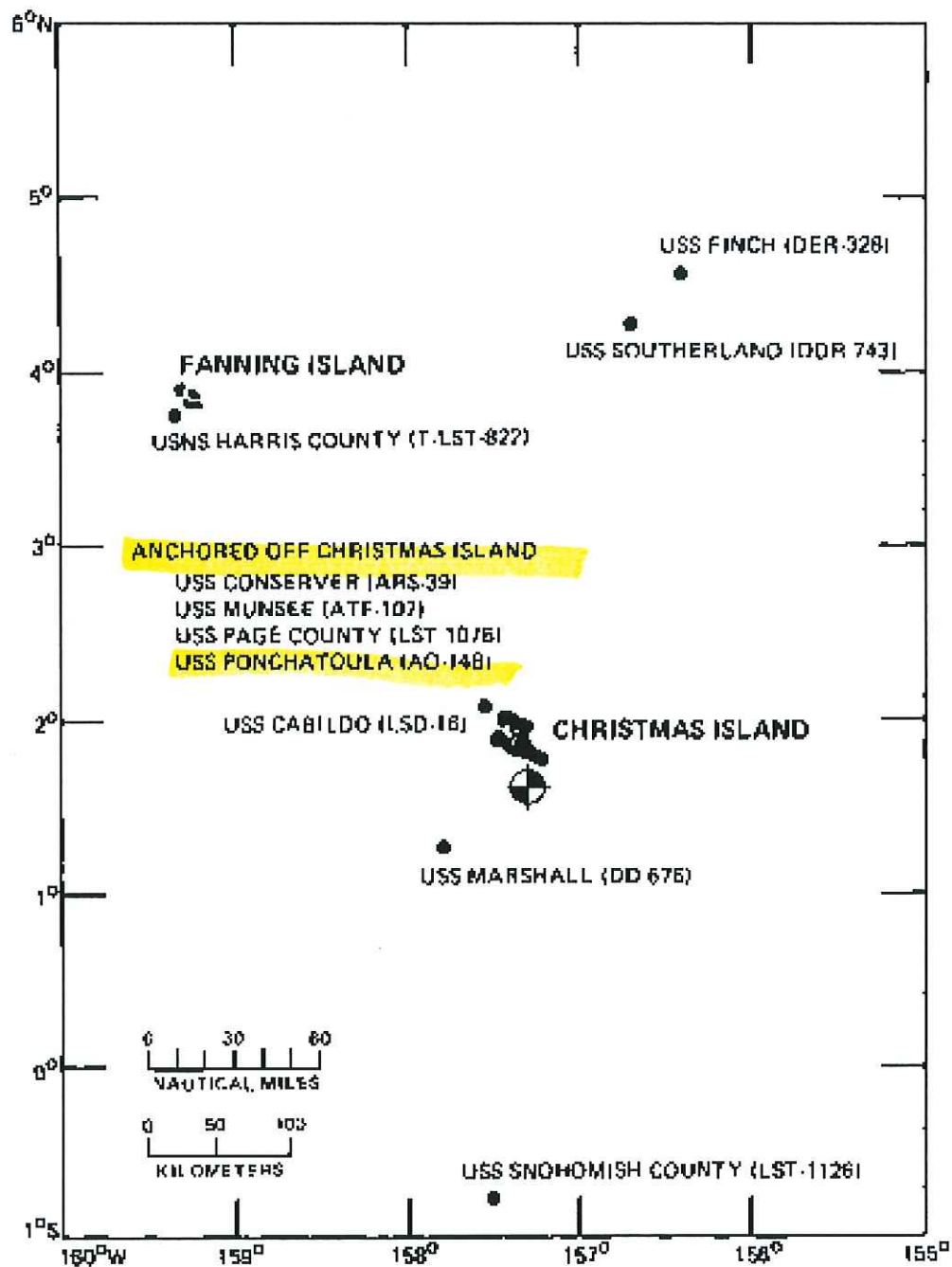


Figure 45. Ship positions, shot AZTEC, DOMINIC.

2 May 1962

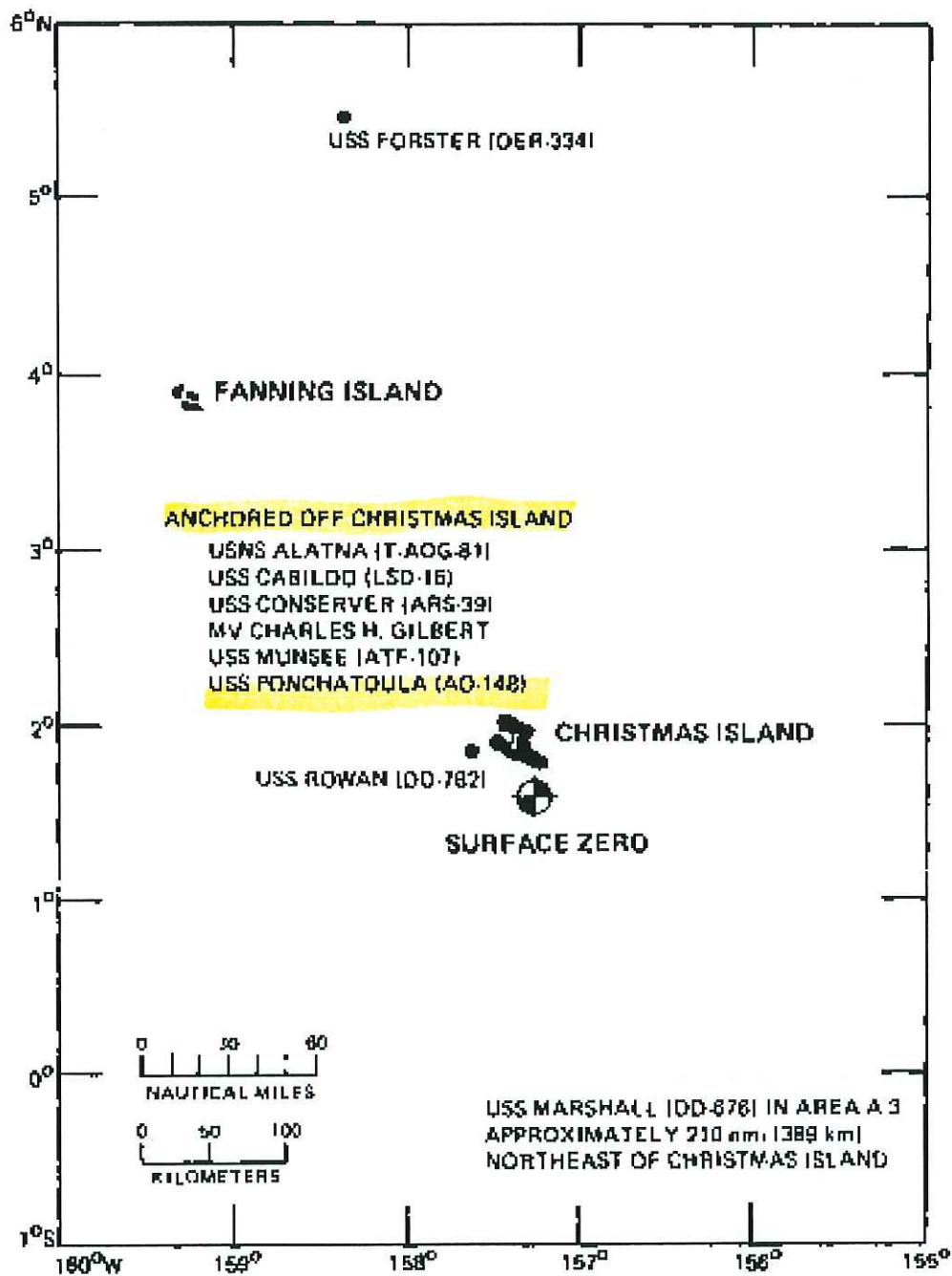


Figure 46. Ship positions, shot ARKANSAS, DOMINIC.

Table 24. DOMINIC personnel exposures, U.S. Navy organizations (continued).

| Org Code | Organization and Home Station | Total Badged | Exposure Range (R) | | | | | | | Over 3.0 (R) | High (R) |
|-------------------------------|--|--------------|--------------------|-----------|-------|-------|-------|-------|-------|--------------|----------|
| | | | 0 | 0.001-0.5 | 0.5-1 | 1-1.5 | 1.5-2 | 2-2.5 | 2.5-3 | | |
| Navy Ships (continued) | | | | | | | | | | | |
| 8360 | USS O'Bannon (DDC-450) | 451 | 52 | 396 | 1 | 1 | 0 | 1 | | | 2,500 |
| 8326 | USS Page County (LST-1076) | 111 | 41 | 70 | | | | | | | 0.156 |
| 8303 | USS Pvt. Frank S. Petrarca (T-AK-250) | 80 | 37 | 42 | 1 | | | | | | 0.982 |
| 8382 | USMS Point Barrow (T-ARL-1) | 89 | 0 | 13 | 3 | 33 | 24 | 9 | 7 | | 2,980 |
| 8325 | USS Pelek County (LST-1084) | 103 | 93 | 10 | | | | | | | 0.130 |
| 3534 | USS Halsey Powell (DD-686) | 1 | 1 | | | | | | | | 0.000 |
| 8306 | USS Halsey Powell (DD-686) | 261 | 13 | 247 | 1 | | | | | | 0.551 |
| 8311 | USS Ponce de Leon (AO-148) | 277 | 277 | | | | | | | | 0.000 |
| 8341 | USS Preston (DDC-795) | 200 | 186 | 14 | | | | | | | 0.118 |
| 8375 | USS Princeton (LPH-5) (includes 101 USMC) | 1,175 | 307 | 332 | 3 | 0 | 1 | 31 | 1 | | 2,870 |
| 8394 | USNS Range Tracker (T-ESM-1) | 1,170 | 14 | 55 | 1 | | | | | | 0.810 |
| 8318 | USS Razorback (SS-394) | 86 | 56 | 30 | | | | | | | 0.047 |
| 8350 | USS Recliner (ARS-42) | 80 | 7 | 73 | | | | | | | 0.358 |
| 8373 | USS Rowan (DD-782) | 243 | 47 | 196 | | | | | | | 0.231 |
| 8381 | USS Safeguard (ARS-25) | 86 | 0 | 85 | 0 | 1 | 1 | 1 | 2 | | 1,250 |
| 8317 | USS Sioux (ATF-75) | 98 | 34 | 54 | 3 | 0 | 1 | 1 | 2 | | 4,150 |
| 8354 | USS Snohomish County (LST-1126) | 99 | 12 | 87 | | | | | | | 0.444 |
| 8353 | USS Southernland (DDR-743) | 263 | 34 | 225 | 3 | 1 | | | | | 1,110 |
| 8376 | USS Summit County (LST-1146) | 121 | 0 | 121 | | | | | | | 0.430 |
| 8319 | USS Tahoma (ATF-113) | 90 | 55 | 35 | | | | | | | 0.000 |
| 8388 | USS Tawakoni (ATF-114) | 63 | 63 | | | | | | | | 0.000 |
| 8386 | USS Taylor (DD-468) | 290 | 1 | 45 | 82 | 64 | 49 | 33 | 16 | | 2,980 |
| 3351 | USS Tolovana (AO-64) | 216 | 8 | 207 | 0 | 1 | | | | | 1,060 |
| 3009 | USS Tunny (SSG-282) | 1 | 1 | | | | | | | | 0.000 |
| 8392 | USS Tuscombia (YTB-762) | 9 | 0 | 9 | | | | | | | 0.190 |
| 8391 | USS Walker (DDC-517) | 92 | 68 | 22 | 0 | 0 | 0 | 0 | 2 | | 2,500 |
| 8316 | USS Yorktown (CVS-10) (includes 37 USMC) | 2,347 | 2,264 | 83 | | | | | | | 0.207 |
| Naval Air Units | | | | | | | | | | | |
| 8361 | Commander Fleet Air Wing 2 | 35 | 27 | 8 | | | | | | | 0.122 |
| 8367 | Airborne Early Warning Barrier Squadron | 62 | 53 | 9 | | | | | | | 0.030 |
| 3520 | Attack Squadron 215 (VA-215), Moffett Field CA | 1 | 0 | 1 | | | | | | | 0.235 |
| 8370 | Heavy Photo Sq 62 (VAP-62), Det 35 (includes 1 Marine) | 28 | 23 | 5 | | | | | | | 0.027 |
| 8395 | Patrol Squadron 6 (VP-6) | 4 | 4 | | | | | | | | 0.000 |
| 8390 | Patrol Squadron 9 (VP-9) | 305 | 46 | 257 | 0 | 0 | 0 | 0 | 2 | | 2,020 |
| 8365 | Patrol Squadron 28 (VP-28) | 142 | 31 | 111 | | | | | | | 0.176 |

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